

New Mexico 2019 Forage Corn Performance Test - Agricultural Science Center at Clovis

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Test Description

Location:	Management Practices:	Growing Conditions:		
County/Area: Curry	Previous Crop: fallow	Average		
Longitude: -103.22	Planting Date: 27-May	Temp.	Precip.	Irrigation
Latitude: 34.60	Harvest Date: 5-Sep	°F	in.	in.
Elevation: 4435 ft.	Production Inputs			
Soil Name: Olton	Rate	Date		
Soil Texture: clay loam	Fertilizer:			
Soil Depth: >60 in.	Nitrogen	38 lb/a	carryover	
	Nitrogen	60 lb/a	pre plant	
	S	25 lb/ac	pre plant	
	Nitrogen	90 lb/a	24-May	
	Nitrogen	30 lb/a	30-Jul	
	Herbicides:			
	Atrazine	1 pt/a	pre plant	
	Balance Flexx	3 oz/ac	pre plant	
	LV 6	1 pt/a	pre plant	
	Glyphosate	32 oz/ac	pre plant	
	Atrazine	1 pt/a	24-May	
	Glyphosate	32 oz/ac	24-May	
	Verdict	10 oz/ac	24-May	
	DiFlexx Duo	32 oz/ac	1-Jul	
	Warrant	2 qt/ac	1-Jul	
	Insecticides:			
	Onager	16 oz/ac	1-Jul	
	Prevathon	20 oz/ac	30-Jul	
	Oberon	8 oz/ac	30-Jul	
	Fungicides:			
	Stratego Yield	5 oz/ac	30-Jul	
Test Design:				
Replications: 3				
Plot Length: 20 ft.				
Rows per Plot: 2				
Row Spacing: 30 in.				
Seeding Rate: 27,000 seed/a				
			Seasonal Precipitation:	10.7 in.
			Total Irrigation:	15.2 in.
			Date of Last Spring Frost:	15-Apr
			Date of First Fall Frost:	11-Oct
			Frost Free Period:	178 days

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Results

Brand/Company Name	Hybrid/Variety Name	Moisture			CP	NDF	NDFD		Ash	TDN	NE _i	Milk/Ton	Milk/Acre
		Dry Forage	Green Forage	at Harvest			48hr	Starch					
		t/a	t/a	%	%	%	%	%	%	Mcal/lb	lb/t	lb/a	
Dyna-Gro	D55VC80	7.7	24.6	68.5	8.9	46.2	65.0	27.1	4.9	67.2	0.692	3294	25589
Dyna-Gro	D58QC72	7.7	26.7	71.1	8.8	48.0	63.4	24.3	4.9	66.3	0.682	3219	24836
Wilbur-Ellis Integra	6709 VT3P	7.7	26.6	71.1	8.8	47.4	64.2	25.1	5.0	66.6	0.686	3250	24947
Blue River Organic Seed	74B75	7.6	26.8	71.5	8.7	43.4	67.8	31.1	5.4	67.6	0.697	3350	25593
LG Seeds	LG67C01VT2PRO	7.6	26.5	71.4	8.9	47.6	64.8	24.1	5.7	66.3	0.682	3232	24684
LG Seeds	LG5717VT2PRO	7.6	25.3	70.0	9.3	44.9	65.2	26.6	5.6	67.1	0.691	3287	24917
LG Seeds	LG66C28-3110	7.6	25.5	70.4	9.5	48.0	63.0	23.6	5.6	65.1	0.669	3132	23689
Masters Choice, Inc.	MCT 6552	7.5	25.7	70.8	9.2	43.6	64.9	30.0	4.8	67.5	0.696	3317	24825
Dyna-Gro	D58VC65	7.5	24.7	69.8	9.2	45.2	61.1	29.4	5.2	64.9	0.666	3097	23108
Wilbur-Ellis Integra	6720 VT2P	7.4	23.9	69.1	9.5	47.4	62.9	24.6	5.4	65.5	0.673	3159	23365
Masters Choice, Inc.	MCX 19940	7.3	25.7	71.8	9.0	46.5	63.3	24.7	5.3	66.0	0.068	3198	23229
Wilbur-Ellis Integra	6880 VT2P	7.3	24.4	70.1	8.7	45.3	63.3	28.1	4.7	66.8	0.688	3252	23557
LG Seeds	ES7698-3110	7.2	26.0	72.1	9.3	48.6	61.7	24.7	5.3	64.7	0.665	3093	22417
Blue River Organic Seed	70N16	7.2	24.6	70.7	8.3	44.8	66.4	29.0	4.9	67.8	0.699	3350	24231
Dyna-Gro	D57VC51	7.2	25.3	71.5	8.8	46.4	62.5	29.1	4.9	65.5	0.673	3153	22740
Dyna-Gro	D57VC17	7.2	23.1	69.0	9.6	46.3	62.6	25.3	5.8	65.3	0.671	3143	22597
Wilbur-Ellis Integra	CX801115 DGVT2P	7.1	24.2	70.7	9.1	44.4	64.1	28.5	5.3	66.6	0.685	3243	22962
Wilbur-Ellis Integra	9678 VT2P	7.0	24.5	71.4	9.2	45.7	60.9	28.3	4.8	65.6	0.674	3149	22076
Masters Choice, Inc.	MCT 6653	7.0	23.4	70.2	9.2	46.5	64.2	27.2	5.4	66.1	0.680	3211	22398
Dyna-Gro	D58RR70	7.0	25.3	72.4	9.0	49.0	63.6	23.0	5.6	65.4	0.672	3157	22004
Masters Choice, Inc.	MCT 6733	6.9	23.5	70.4	9.1	46.8	64.2	24.9	5.3	66.5	0.684	3238	22492
Masters Choice, Inc.	EXP 672T	6.7	22.2	69.8	8.3	45.7	64.4	28.3	5.3	66.4	0.683	3231	21698
Wilbur-Ellis Integra	6498 STP RR	6.0	17.6	65.8	9.4	46.3	63.6	25.4	5.7	66.0	0.678	3198	19221
	Trial Mean	7.3	24.6	70.4	9.0	46.3	63.8	26.6	5.24	66.2	0.681	3215	23355
	LSD	0.8	2.3	0.02	0.69	3.1	2.28	3.70	0.80	1.77	0.019	142	3013
	LSD P >	0.1	0.05	0.05	0.05	0.05	2.17	0.05	0.05	0.05	0.050	0	0.05
	CV	6.7	5.7	1.9	4.6	4.0	3.8	8.5	9.2	1.6	1.750	3	7.8
	F Test	0.0001	0.0001	0.0004	0.0438	0.1344	0.0192	0.0368	0.0761	0.0736	0.073	0.0587	<.0001